# Engineering Interpretations

#### **Building Site Development**

Soil properties influence development of building sites, including the selection of the site, the design of the structure, construction, post construction performance, and maintenance. Soil limitation ratings of slight, moderate, and severe are given for shallow excavations, dwellings with and without basements, small commercial buildings, local roads and streets, and lawns, landscaping, and golf fairways.

#### Shallow Excavations

Shallow excavations are trenches or holes dug in the soil to a maximum depth of 5 or 6 feet. They are used for pipelines, sewer lines, telephone and power transmission lines, basements, open ditches, and cemeteries. The ratings are based on the soil properties that influence ease of digging and resistance to sloughing.

### **Dwellings With or Without Basements**

These are single-family houses of three stories or less. The foundation is assumed to be spread footings of reinforced concrete built on undisturbed soil at a depth of 2 feet or the depth of maximum frost penetration, whichever is deeper, for houses without basements, or at a depth of 7 feet if a basement is constructed. The ratings are based on properties affecting soil strength and settlement under a load, and those that affect excavation and construction costs.

### Small Commercial Buildings

Limitation ratings are given for the undisturbed soil on which small commercial buildings of less than three stories without basements are built. The foundation is assumed to be placed on spread footings of reinforced concrete at a depth of 2 feet or the depth of maximum frost penetration, whichever is deeper.

#### Local Roads and Streets

Limitation ratings are given for the use of soils for construction of improved local roads and streets that have all-weather surfacing, commonly of asphalt, gravel with binder in it, or concrete, and that are expected to carry automobile traffic all year. These roads and streets are graded to shed water, and conventional drainage measures are provided. With the probable exception of the hard surface, roads and streets are built mainly from the soil at hand.

## Lawns, Landscaping, and Golf Fairways

The soils are rated for their use in establishing and maintaining turf for lawns and golf fairways and ornamental trees and shrubs for residential type landscaping. The ratings are based on the use of soil material at the location with some land smoothing. Irrigation may or may not be needed and is not a criterion in rating. Traps, trees, roughs, and greens are not considered as part of the golf fairway. The properties considered are those listed that affect plant growth and trafficability after vegetation is established.

This subsection includes:

• (a) Building Site Development

#### Table 16.--Building Site Development

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the potential limitation. See text for further explanation of ratings in this table.)

Map symbol and soil name	Dwellings without bas   	ements	Dwellings with basem   	ents	Small commercial buil   	dings	Local roads and str   	eets	Lawns and landscap	ing
	Rating class and	Value 	Rating class and	Value	Rating class and	Value	Rating class and	Value 	Rating class and limiting features	Valu
40000: Barden	  Very limited   shrink-swell   (very limited) 	      1.00     	  Very limited   shrink-swell   (very limited)   wetness   (very limited)	      1.00    1.00	  Very limited   shrink-swell   (very limited)   	      1.00   	Very limited   low strength   (very limited)   shrink-swell   (very limited)	      1.00    1.00	  Not limited       	
40011: Barco	  Moderately limited   hard bedrock   (moderately limited)   	      0.45     	  Very limited   hard bedrock <40"   (very limited)   	    1.00     	  Moderately limited   depth to bedrock   (moderately limited)   	    0.45     	  Very limited   low strength   (very limited)   depth to bedrock   (moderately limited)	    1.00    0.45	  Slightly limited   depth to bedrock   (slightly limited)   	    0.30     
40015: Eldorado	  Limited   large stones   (limited) 	    0.96     	  Limited   large stones   (limited)   shrink-swell   (slightly limited)	    0.96    0.05	  Limited   large stones   (limited) 	    0.96     	  Limited   large stones   (limited) 	    0.96     	  Not limited       	         
40016: Eldorado	  Very limited   large stones   (very limited)   	    1.00           	  Very limited   large stones   (very limited)   shrink-swell   (slightly limited) 	    1.00    0.04   	  Very limited   large stones   (very limited)   slope   (moderately limited) 	    1.00    0.45   	  Very limited   large stones   (very limited)   	    1.00           	  Limited   large stones   (limited)   droughty   (limited)   small stones   (moderately limited)	  0.99    0.83    0.42
40017: Maplegrove	  Moderately limited   wetness   (moderately limited)   shrink-swell   (moderately limited)	    0.54    0.45   	  Very limited   wetness   (very limited)   shrink-swell   (slightly limited)	  1.00    0.10 	  Moderately limited   wetness   (moderately limited)   shrink-swell   (moderately limited)	0.45	(very limited)	0.45	  Moderately limited   wetness   (moderately limited)   	  0.54       

0.60

|0.60 | wetness

(limited)

Map symbol and soil name	Dwellings without base   	ements	Dwellings with baser   	nents	Small commercial build   	dings	Local roads and str   	eets	Lawns and landscar   	ping
	Rating class and	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and	Value
40018:	 	 	 		 	 	 	 	 	
Medoc	Very limited   shrink-swell   (very limited)   wetness   (limited)	  1.00    0.89	Very limited   wetness   (very limited)   shrink-swell   (limited)	  1.00    0.78	Very limited   shrink-swell   (very limited)   wetness   (limited)	  1.00    0.89	Very limited   shrink-swell   (very limited)   wetness   (limited)	  1.00    0.89	Limited   wetness   (limited) 	  0.89     
40019: Newtonia	    Not limited   	       	  Slightly limited   shrink-swell   (slightly limited)	    0.12	    Not limited   	       	  Not limited	       	  Not limited   	       
Eldorado	  Limited   large stones   (limited) 	    0.96   	  Limited   large stones   (limited)   shrink-swell   (slightly limited)	  0.96    0.05	  Limited   large stones   (limited) 	    0.96     	Limited   large stones   (limited) 	    0.96     	  Not limited     	       
40020:		!	 	-		! !		! !		
Newtonia	Moderately limited   shrink-swell   (moderately limited)	  0.45 	Slightly limited   shrink-swell   (slightly limited)	0.20	Moderately limited   shrink-swell   (moderately limited)	  0.45 	Moderately limited   shrink-swell   (moderately limited)	  0.45 	Not limited    -	   
Eldorado	  Limited   large stones   (limited)   	    0.96     	  Limited   large stones   (limited)   shrink-swell   (slightly limited)	  0.96    0.05	  Limited   large stones   (limited) 	    0.96     	Limited   large stones   (limited)	    0.96     	  Not limited     	         
40021:	 		 		 			 	 	
Opolis	Very limited   shrink-swell   (very limited)   slope   (limited)   wetness   (limited)	  1.00    0.68    0.63	Very limited   wetness   (very limited)   slope   (limited)   shrink-swell   (limited)	  1.00    0.68    0.64	(very limited)	  1.00    1.00    0.63	Very limited   low strength   (very limited)   shrink-swell   (very limited)   wetness   (limited)	  1.00    1.00    0.63	Limited   wetness   (limited)   slope   (moderately limited) 	  0.63    0.37
Hepler	İ	      1.00	  Very limited	      1.00	  Very limited	      1.00	(limited)    Very limited   flooding   (very limited)	      1.00	    Moderately limited   flooding   (moderately limited)	      0.60

|0.60 | wetness

(limited)

wetness

(limited)

|1.00 |

|0.60 | wetness

(very limited)

wetness

(limited)

Table 16.--Building Site Development--Continued

Table 16.--Building Site Development--Continued

Map symbol and soil name	  Dwellings without bas   	ements	   Dwellings with basem   	ents	  Small commercial buil   	dings	   Local roads and str   	eets	   Lawns and landscap   	ing
	Rating class and	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
40022: Opolis	  Very limited   shrink-swell   (very limited)   wetness   (limited)	    1.00    0.63 	Very limited     wetness   (very limited)   shrink-swell   (limited)	      1.00    0.64   	  Very limited   shrink-swell   (very limited)   wetness   (limited)	      1.00    0.63   	Very limited   low strength   (very limited)   shrink-swell   (very limited)   wetness   (limited)	    1.00    1.00    0.63	  Limited   wetness   (limited)   	    0.63       
40023: Opolis	  Very limited   shrink-swell   (very limited)   wetness   (limited)	    1.00    0.63   	  very limited  wetness  (very limited)  shrink-swell  (limited)	    1.00    0.64   	  Very limited   shrink-swell   (very limited)   wetness   (limited)	    1.00    0.63   	  Very limited   low strength   (very limited)   shrink-swell   (very limited)   wetness   (limited)	    1.00    1.00    0.63	  Limited   wetness   (limited)   	    0.63         
40024: Opolis	  Limited   wetness   (limited)   shrink-swell   (moderately limited) 	    0.63    0.45   	  Very limited   wetness   (very limited)   shrink-swell   (moderately limited)	    1.00    0.53   	  Limited   wetness   (limited)   shrink-swell   (moderately limited) 	    0.63    0.45   	(very limited)	    1.00    0.63    0.45	  Limited   wetness   (limited)   	    0.63       
	   Moderately limited   wetness   (moderately limited)   shrink-swell   (moderately limited) 	0.45	Very limited   wetness   (very limited)   shrink-swell   (slightly limited)	  1.00    0.25   	   Moderately limited   wetness   (moderately limited)   shrink-swell   (moderately limited) 	0.45	Moderately limited   wetness   (moderately limited)   shrink-swell   (moderately limited)	0.45	   Moderately limited   wetness   (moderately limited)   small stones   (moderately limited)   too acid   (slightly limited)	0.33
40027: Sylvania	  Moderately limited   shrink-swell   (moderately limited)   	      0.45     	  Limited   wetness   (limited)   shrink-swell   (moderately limited)	      0.97    0.41 	  Moderately limited   slope   (moderately limited)   shrink-swell   (moderately limited)	0.45	  Moderately limited   shrink-swell   (moderately limited)   	      0.45     	  Very limited   small stones   (limited)   too acid   (slightly limited)	    1.00    0.18

Table 16.--Building Site Development--Continued

Map symbol and soil name	Dwellings without base	ements	Dwellings with basem	ents	Small commercial build   	dings	Local roads and stre	eets	Lawns and landscap	ing
	Rating class and limiting features	Value	Rating class and	Value	Rating class and limiting features	Value	Rating class and	Value	Rating class and	Value
40028:		 	 	l i	 	 	 	 	 	l i
	Moderately limited shrink-swell (moderately limited)	0.45	  Limited   wetness   (limited)   shrink-swell   (moderately limited)	  0.87    0.40 	(moderately limited)	  0.45    0.45 	  Moderately limited   shrink-swell   (moderately limited)   	    0.45     	  Slightly limited   too acid   (slightly limited)   	  0.12     
40029:		i	! 	i	! 	! 	! 	! 	! 	
Sylvania        	slope (limited)   wetness   (moderately limited)	  0.68    0.45    0.45	Very limited   wetness   (very limited)   slope   (limited)   shrink-swell   (moderately limited)	  1.00    0.68    0.45	(very limited)   wetness   (moderately limited)	  1.00    0.45    0.45	Moderately limited   wetness   (moderately limited)   shrink-swell   (moderately limited)   slope   (moderately limited)	0.45    0.37	Moderately limited   wetness   (moderately limited)   slope   (moderately limited)   too acid   (slightly limited)	0.37
44000:		į	į	į	İ	į	į	į	į	į
Cherokee        	shrink-swell (very limited)	  1.00    0.89 	Very limited   wetness   (very limited)   shrink-swell   (limited)	  1.00    0.70	Very limited   shrink-swell   (very limited)   wetness   (limited)	  1.00    0.89	Very limited   shrink-swell   (very limited)   wetness   (limited)	  1.00    0.89 	Limited   wetness   (limited) 	  0.89     
44002:		 	 	 		 	 	 	 	i
Carl          	shrink-swell (very limited) flooding (very limited)	  1.00    1.00    1.00	Very limited   shrink-swell   (very limited)   flooding   (very limited)   wetness   (very limited)	  1.00    1.00    1.00	(very limited)   shrink-swell   (very limited)	  1.00    1.00    1.00	Very limited   shrink-swell   (very limited)   wetness   (very limited)   flooding (rare)   (limited)	  1.00    1.00    0.90	Very limited   wetness   (very limited)   too clayey   (moderately limited)	  1.00    0.60   
44004:		 	 	l i	l I	 	 	 	  -	
McCune	shrink-swell (limited)	    0.45    0.60 	  Very limited   wetness   (very limited)   shrink-swell   (slightly limited)	  1.00    0.23	  Limited   shrink-swell   (moderately limited)   wetness   (limited)	    0.45    0.60 	  Moderately limited   shrink-swell   (moderately limited)   wetness   (slightly limited)	    0.45    0.28 	  Slightly limited   wetness   (slightly limited)   too acid   (slightly limited)	  0.28    0.06
46001:     Verdigris  	·	      1.00	  Very limited   flooding   (very limited)	      1.00	  Very limited   flooding   (very limited)	      1.00	  Very limited   flooding   (very limited)	      1.00	  Very limited   flooding   (very limited)	      1.00

Table 16.--Building Site Development--Continued

Map symbol and soil name	  Dwellings without bas   	ements	Dwellings with basem   	ents	Small commercial buil   	dings	Local roads and str	eets	Lawns and landscap	oing
	Rating class and limiting features	Value 	Rating class and limiting features	Value	Rating class and	Value	Rating class and	Value 	Rating class and	Valu
46002:			 		 		 		 	
Hepler	  Very limited	i	  Very limited	i	  Very limited	i	  Very limited	i	  Moderately limited	i
•	flooding	1.00	flooding	1.00	flooding	1.00	flooding	1.00	flooding	0.60
	(very limited)	i	(very limited)	i	(very limited)	i	(very limited)	i	(moderately limited)	ı i
	wetness	0.60	wetness	1.00	wetness	0.60	wetness	0.60	wetness	0.60
	(limited)	į	(very limited)	į	(limited)	į	(limited)	į	(limited)	į
46004:		l I	 	 	 	l I	 	l I	 	l I
Osage	Very limited	i	Very limited	i	Very limited	i	  Very limited	i	  Very limited	i
	shrink-swell	1.00	shrink-swell	1.00	flooding	1.00	shrink-swell	1.00	wetness	1.00
	(very limited)	İ	(very limited)	İ	(very limited)	İ	(very limited)	İ	(very limited)	İ
	flooding	1.00	flooding	1.00	shrink-swell	1.00	flooding	1.00	flooding	0.60
	(very limited)	ĺ	(very limited)	İ	(very limited)	İ	(very limited)	İ	(moderately limited)	ı İ
	wetness	1.00	wetness	1.00	wetness	1.00	wetness	1.00	too clayey	0.60
	(very limited)		(very limited)		(very limited)		(very limited)		(moderately limited)	ļ
46005:	[ 	 		 	<u> </u>	 	 	 	 	
Verdigris	Very limited	ĺ	  Very limited	İ	  Very limited	İ	Very limited	İ	Moderately limited	İ
	flooding	1.00	flooding	1.00	flooding	1.00	flooding	1.00	flooding	0.60
	(very limited)	İ	(very limited)	Ì	(very limited)	İ	(very limited)	İ	(moderately limited)	Ţ
70006:		 		 	 	 	 	 	 	 
Creldon	Moderately limited	ĺ	  Very limited	İ	Moderately limited	İ	Very limited	İ	Slightly limited	İ
	shrink-swell	0.45	wetness	1.00	shrink-swell	0.45	low strength	1.00	wetness	0.13
	(moderately limited)		(very limited)	1	(moderately limited)		(very limited)		(slightly limited)	
	wetness	0.13	shrink-swell	0.45	wetness	0.13	shrink-swell	0.45	I	
	(slightly limited)		(moderately limited)		(slightly limited)		(moderately limited)			
				1			wetness	0.13		1
			 		 		(slightly limited)		 	
70012:		 			 		! 	 	 	
Hoberg	Slightly limited		Very limited	1	Slightly limited		Very limited		Slightly limited	
	wetness	0.28	wetness	1.00	wetness	0.28	low strength	1.00	wetness	0.28
	(slightly limited)		(very limited)		(slightly limited)		(very limited)		(slightly limited)	
				[	]		wetness	0.28	<u> </u>	1
	İ	 	 	l I	ļ Ī	 	(slightly limited)		 	
70045:	 		 		 		! 		! 	i
Keeno	Slightly limited	İ	Very limited	İ	_  Limited	İ	Slightly limited	İ	  Very limited	ĺ
	wetness	0.28	wetness	1.00	slope	0.68	wetness	0.28	droughty	1.00
	(slightly limited)		(very limited)	I	(limited)		(slightly limited)		(very limited)	ĺ
	large stones	0.01	large stones	0.01	wetness	0.28	large stones	0.01	large stones	0.30
	(slightly limited)		(slightly limited)		(slightly limited)		(slightly limited)		(moderately limited)	1
	1	I	l	1	large stones	0.01	I	1	wetness	10.28
		1	ļ.	1	5		!	1		101-0

1				ents	Small commercial buil   	<b></b> 32	Local roads and str   		Lawns and landscar	ping
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
70056:		 	İ	 	 	 	 		 	
Crackerneck	.imited	i	  Very limited	i	  Very limited	i	  Moderately limited	i	  Very limited	i
cruckerneek		1  0.68	· -	11.00	slope	1.00	large stones	0.58	small stones	1.00
	(limited)	0.00 	(very limited)	1	(very limited)	1	(moderately limited)		(very limited)	1
		I  0.58	slope	1  0.68	large stones	10.58	shrink-swell	  0.45	droughty	11.00
	(moderately limited)		(limited)	10.00	(moderately limited)		(moderately limited)		(very limited)	1
I I	•	  0.45	large stones	  0.58	shrink-swell	0.45	slope	  0.37	large stones	1 0.99
ļ					•	•				10.99
-	(moderately limited)	 	(moderately limited)	l I	(moderately limited)		(moderately limited)	 	(limited)	l I
70057:		i		i		i		i	<u> </u>	i
Crackerneck	Very limited	i	Very limited	i	Very limited	i	  Very limited	i	  Very limited	i
į	=	1.00	wetness	1.00	slope	1.00	slope	1.00	slope	11.00
i	(very limited)		(very limited)	i	(very limited)	i	(very limited)	i	(very limited)	i
i	=	0.58	slope	1.00	large stones	0.58	large stones	0.58	small stones	11.00
i	(moderately limited)		(very limited)		(moderately limited)		(moderately limited)		(very limited)	
i	•	0.45	large stones	0.58	shrink-swell	0.45	shrink-swell	0.45	droughty	11.00
	(moderately limited)		(moderately limited)		(moderately limited)		(moderately limited)		(very limited)	1
	(moderacery rimited)	i	(moderatery rimited)	i	(moderacely limited)	ŀ	(moderatery rimited)	i	(very rimited)	ł
70058:		i	i	i	İ	i	i	i		i
Crackerneck	Slightly limited	i i	Very limited	i	Moderately limited	i	Slightly limited	i	  Very limited	i
į	large stones	0.18	wetness	1.00	slope	0.45	large stones	0.18	small stones	1.00
į	(slightly limited)	i	(very limited)	i	(moderately limited)	i	(slightly limited)	i	(very limited)	i
į		0.04	large stones	0.18	large stones	0.18	wetness	0.04	droughty	0.88
i	(slightly limited)		(slightly limited)	i	(slightly limited)	i	(slightly limited)	i	(limited)	i
i	(===========	i	shrink-swell	0.12	wetness	0.04	(======; 	i	too acid	0.24
i		i	(slightly limited)		slightly limited)		i	i	(slightly limited)	
į		i		i		i	İ	i	İ	i
70059:					l		I		[	
Goss	Very limited		Very limited		Very limited		Very limited		Very limited	
	slope	1.00	slope	1.00	slope	1.00	slope	1.00	slope	1.00
	(very limited)		(very limited)		(very limited)		(very limited)		(very limited)	
	shrink-swell	0.45	large stones	0.25	shrink-swell	0.45	shrink-swell	0.45	small stones	1.00
ĺ	(moderately limited)		(slightly limited)		(moderately limited)	1	(moderately limited)		(very limited)	
į	large stones	0.25	shrink-swell	0.20	large stones	0.25	large stones	0.25	large stones	0.99
į	(slightly limited)	į i	(slightly limited)	į	(slightly limited)	İ	(slightly limited)	j	(limited)	İ
					l		I		I	
70060:		<u> </u>				ļ.	<u> </u>	ļ	!	
Hoberg	Slightly limited		Very limited		Slightly limited		Slightly limited		Slightly limited	
	wetness	0.28	wetness	1.00	wetness	0.28	wetness	0.28	wetness	0.28
	(slightly limited)		(very limited)		(slightly limited)		(slightly limited)		(slightly limited)	
					I	1	I		droughty	0.23
i		1	1	i .	i .	1	I .	i .	(slightly limited)	1

Table 16.--Building Site Development--Continued

Table 16.--Building Site Development--Continued

soil name	Í I				 		 		 	
	Rating class and	Value	Rating class and limiting features	Value	Rating class and	Value	Rating class and limiting features	Value	Rating class and	Valu
70060:	 			 	 		 	 	 	
Eldorado	Limited		Limited		Limited		Limited	l	Not limited	1
	large stones   (limited)   	0.96       	large stones (limited) shrink-swell (slightly limited)	0.96    0.05 	large stones   (limited)   	0.96       	large stones   (limited)   	0.96     	 	
Pomme	Not limited	į	Not limited	į	  Not limited 	į	  Not limited 	   	  Not limited 	į
70061:		i		İ	 	i				i
Pomme	Not limited		Not limited	j I	Not limited	İ	Not limited	   	Not limited	İ
70062:	İ	i		İ	İ	i	j	İ	j	i
Pomme	Not limited		Not limited	 	Not limited		Not limited	 	Not limited	
Rueter	  Moderately limited	i	  Moderately limited		  Moderately limited	i	  Moderately limited	! 	  Very limited	i
	large stones   (moderately limited)       	0.52         	large stones (moderately limited) shrink-swell (slightly limited)	0.52    0.18   	large stones (moderately limited)	0.52	large stones (moderately limited)	0.52         	small stones   (very limited)   droughty   (limited)   large stones   (moderately limited)	1.00    0.79    0.30
70063:	ļ I			j I	l I	İ	i I	   	i I	İ
Rueter	Limited	i	Limited	i	  Very limited	i	Limited	j	Limited	į
	large stones   (limited)	0.80 	large stones (limited)	0.80 	slope   (very limited)	1.00	large stones   (limited)	0.80 	large stones   (limited)	0.99
	slope	0.68	slope	0.68	large stones	0.80		0.37	droughty	0.99
	(limited)	!	(limited)		(limited)	İ	(moderately limited)		(limited)	ļ
	 	 	shrink-swell (slightly limited)	0.25 	 		 	 	small stones   (limited)	0.96 
70064:	 	 		 	 	 	 	 	 	l I
Rueter	Moderately limited	į į	Moderately limited	İ	Moderately limited	į	Moderately limited	İ	Very limited	j
	large stones	0.52		0.52	large stones	0.52		0.52	•	1.00
	(moderately limited)		(moderately limited)   shrink-swell	  0.18	(moderately limited)	 	(moderately limited)	 	(very limited)   droughty	10.79
			shrink-swell (slightly limited)		! 		! 	 	(limited)	
	j	i		İ	İ	i	İ	j	large stones	0.30
	I				I		I		(moderately limited)	)

	Table 16Buildi	ing site DevelopmentContinue	ea
	Dwellings with basements	  Small commercial buildings	Lo
goil name		i i	

Map symbol and soil name	  Dwellings without base   	ements	   Dwellings with basem   	ents	  Small commercial build   	dings	   Local roads and str   	eets	   Lawns and landscap   	ing
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
70065: Rueter	  Moderately limited   large stones   (moderately limited)   	      0.52       	(moderately limited)	      0.52    0.18   	(moderately limited)	0.45	  Moderately limited   large stones   (moderately limited)   	      0.52       	  Very limited   small stones   (very limited)   droughty   (limited)   large stones   (moderately limited)	    1.00    0.79    0.30
70066: Winnipeg	Not limited	       	  Not limited   	       	    Not limited   	       	Very limited   low strength   (very limited)	      1.00 	  Not limited   	
71751: Bearthicket		      1.00     	  Very limited   flooding   (very limited) 	    1.00     	  Very limited   flooding   (very limited) 	      1.00     	(very limited)	    1.00    1.00	  Moderately limited   flooding   (moderately limited)   	    0.60     
73031: Gerald	•	      0.60   	  Very limited   wetness   (very limited) 	      1.00   	  Limited   wetness   (limited) 	      0.60   	(very limited)	    1.00    0.60	  Limited   wetness   (limited) 	    0.60   
75376: Cedargap		      1.00     	  Very limited   flooding   (very limited)   	      1.00     	  Very limited   flooding   (very limited)   	      1.00     	  Very limited   flooding   (very limited) 	      1.00     	  Very limited   flooding   (very limited)   small stones   (moderately limited)	    1.00    0.33
99000: Pits	    Not rated	   	    Not rated	   	    Not rated	   	    Not rated	   	    Not rated	 
Quarries	  Not rated	 	  Not rated		  Not rated	 	  Not rated	 	  Not rated	 
99001: Water	    Not rated 	     	    Not rated 	     	    Not rated 	     	    Not rated 	     	    Not rated 	     
99002: Borrow areas	    Not rated 	     	    Not rated 	     	    Not rated 	     	    Not rated 	     	    Not rated 	   

Table 16.--Building Site Development--Continued

Map symbol and soil name	Dwellings without bas   	sements	Dwellings with basements   		Small commercial buildings   		Local roads and streets		Lawns and landscaping	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
99003: Miscellaneous water	      Not rated	     	      Not rated		      Not rated		      Not rated	     	      Not rated	     
99005:	 	 	 		 	l I	 	 	 	l I
Landfill	Very limited   slope   (very limited) 	  1.00     	Very limited   slope   (very limited) 	  1.00     	  Very limited   slope   (very limited)   	  1.00     	Very limited   low strength   (very limited)   slope   (very limited)	  1.00    1.00	   Very limited   slope   (very limited)   	  1.00     
99010: Dumps	    Not rated		    Not rated		    Not rated		    Not rated		    Not rated	
Pits	  Not rated 		  Not rated 		  Not rated		  Not rated		  Not rated	
99011: Kanima	  Not limited         		  Not limited       		  Limited   slope   (limited)   	    0.68       	  Not limited           		  Very limited   small stones   (very limited)   droughty   (slightly limited)   too acid   (slightly limited)	  1.00    0.09 